

CLAIMS

1. A pot-shaped vessel, in particular a bucket (10, 110) comprising a lid (12, 112) whose circumferential rim (33, 133) formed thereon can be latchingly connected to an outwardly projecting circumferential flange (16, 116) formed on the edge of the vessel body (11, 111), in such a way that in the latching position the free end edge (34, 134) of the circumferential lid rim (33, 133) is covered by a region of the vessel circumferential flange (16, 116), and with a tab (36, 136) which serves for unlatching lifting of the lid (12, 112) in a partial circumferential region and which is arranged in the course of the vessel circumferential flange (16, 116) and interrupts same and is pivotable relative thereto in such a way that its edge remote from the pivot axis (45, 145) moves away from the vessel body (11, 111) out of its locking position in which it is aligned with the vessel circumferential flange (16, 116) and which corresponds to the lid latching position into its lid lift-off position, characterised in that the tab (36, 136) is connected pivotably about a pivot axis (45, 145) which is approximately perpendicular or inclined at an acute angle to the horizontal plane of the lid to a circumferential end edge of the vessel circumferential flange (16, 116) or to the bucket body (11, 111) and that the tab (36, 136) is provided at an inner longitudinal edge which is at least partially covered by the circumferential lid rim (33, 133) with a cam track (40, 140) which comes into operative relationship with the free end edge (34, 134) of the circumferential lid rim (33, 133) upon pivotal movement of the tab (36, 136).

2. A pot-shaped vessel as set forth in claim 1 characterised in that the pivot axis (45) is inclined with respect to the substantially horizontal plane of the lid in the direction of its one and/or other mutually perpendicular horizontal axes.

3. A pot-shaped vessel as set forth in claim 1 characterised in that the tab (136) is mounted pivotably at a spacing from and on the bucket body (111).

4. A pot-shaped vessel as set forth in claim 1 or claim 2 characterised in that the pivot axis (46) is formed by a film hinge (45) between the tab (36) and the vessel circumferential flange (16) or the tab (36) and the bucket body (11).

5. A pot-shaped vessel as set forth in claim 4 characterised in that the tab (36) is provided at its one end region towards the vessel body (11) with a curvature (52) whose end edge (38) goes into the film hinge (45).

6. A pot-shaped vessel as set forth in claim 4 characterised in that the tab (36) is separated with its two free end edges (38, 39) by a narrow gap from the oppositely disposed circumferential end edges (43, 44) of the vessel circumferential flange (16) and that formed on a region of the tab (36), which is asymmetrical in the longitudinal direction, is a pivot leg which projects at an angle and whose end edge goes into the film hinge (45).

7. A pot-shaped vessel as set forth in claim 1 or claim 3 characterised in that the pivot axis (146) is formed by a film hinge (145) between the tab (136) and a mounting support (160) formed on the bucket body (111).

8. A pot-shaped vessel as set forth in claim 7 characterised in that the tab (136) is provided on its inside with a stiffening means (163) connected to the mounting support (160) by way of the film hinge (145).

9. A pot-shaped vessel as set forth in claim 7 or claim 8 characterised in that the mounting support (160) is in the form of mounting legs (161, 162) arranged in a triangular or trapezoidal configuration when

viewed from below and projecting from the circumference of the bucket body (116).

10. A pot-shaped vessel as set forth in at least one of claims 1 and 7 through 9 characterised in that the pivot axis (145) is provided in an end region constituting the tab (136) in the form of a two-armed lever.

11. A pot-shaped vessel as set forth in at least one of the preceding claims characterised in that provided between at least one of the regions of the tab (36, 136) and the circumferential flange (16, 116) is an anti-tamper safeguard (15, 115) which can be torn away or which is latchable or deformable.

12. A pot-shaped vessel as set forth in one of claims 1 and 11 characterised in that the longitudinal edge of the tab (36, 136), which is provided with the cam track (40, 140), is connected in such a way that it can be torn away by way of legs or a film (51, 151) to the respective adjacent longitudinal edge (46, 146) which delimits a cut-out (37, 137) accommodating the tab (36, 136).

13. A pot-shaped vessel as set forth in claim 12 characterised in that the legs or the film (48, 148) is or are provided in a region which is remote from the pivot axis and which is exposed with respect to the lid rim (33, 133), between the cam track (40, 140) of the tab (36, 136) and the longitudinal edge (46, 146) of the vessel circumferential flange (16, 116).

14. A pot-shaped vessel as set forth in claim 5 characterised in that there is provided at least one latchable or deformable projection (53) on the tab (36), which projection upon movement from the originally closed condition of the vessel into the condition in which it has been opened for the first time, irreversibly changes its condition of engagement with respect to a stationary projection (54) or region.

15. A pot-shaped vessel as set forth in one of claims 5 or 6 and 14 characterised in that the latchable or deformable projection (53) is formed in the curvature region (52) of the tab (36) or in the region of the end of the tab which is remote from the gripping portion (50).

16. A pot-shaped vessel as set forth in claim 6 characterised in that the tab (36) has a gripping portion (50) which is adapted to be bendable with respect to the main region of the tab (36).

17. A pot-shaped vessel as set forth in claims 1 and 11 characterised in that the anti-tamper safeguard (115) is formed by a latching clip (170) which upon pivotal movement of the tab (136) passes into a visible latched pivoted-out position.

18. A pot-shaped vessel as set forth in claim 17 characterised in that the pivotable latching clip (170) has a pivot axis (175) substantially parallel to the pivot axis (145) of the tab (136).

19. A pot-shaped vessel as set forth in claim 17 or claim 18 characterised in that the latching clip (170) is of substantially T-shaped or hammer-like configuration in cross-section, wherein the free end of the base leg (171) of the clip forms the pivot axis (175) and at least one of the clip limbs (172, 173) is provided with a latch (174).

20. A pot-shaped vessel as set forth in claim 18 or claim 19 characterised in that the pivot axis is formed by a film hinge (175) formed between the end of the base leg (171) of the clip and a free end of a mounting leg (161, 162) formed on the mounting support (160).

21. A pot-shaped vessel as set forth in claim 20 characterised in that the mounting leg (161, 162) extends parallel to the periphery of the bucket body (111).

22. A pot-shaped vessel as set forth in at least one of claims 17 through 21 characterised in that the latching clip (170) in the pivoted-out position is latchable to a support leg (166') between the inside of the vessel circumferential flange (116) and the outside circumference of the bucket body (111).

23. A pot-shaped vessel as set forth in claim 22 characterised in that the clip limb (172, 173) on the outside and the support leg (166') at its side face towards the latching clip (170) are provided with parallel latching ribs (177).

24. A pot-shaped vessel as set forth in at least one of claims 17 through 23 characterised in that in the starting position the latching clip (170) is arranged with its outside within a gap (140) arranged between a circumferential edge (143) of the vessel circumferential flange (116) and a tab edge (147) adjacent to the pivot axis (145) of the tab (136).

25. A pot-shaped vessel as set forth in at least one of claims 17 through 24 characterised in that the tab (136) is provided at its short lever arm with an actuating edge (147) for pivotal movement of the latching clip (170).

26. A pot-shaped vessel as set forth in claim 25 characterised in that the actuating edge (147) of the tab (136) engages the short lever arm of the latching clip (170) and/or the base leg (171) thereof.

27. A pot-shaped vessel as set forth in at least one of claims 19 through 26 characterised in that the clip limbs (172, 173) extend in a curved configuration.

28. A pot-shaped vessel as set forth in at least one of the preceding claims characterised in that the cam track (40, 140) towards the pivot axis (45, 145) extends as far as the upper edge of the body (11, 111).

29. A pot-shaped vessel as set forth in at least one of the preceding claims characterised in that the tab (36, 136) is increased in thickness and/or is enlarged in gripping area in a region outside the area of overlap by the lid circumferential edge (33, 133).

30. A pot-shaped vessel as set forth in at least one of the preceding claims characterised in that in its starting position the tab (136) bears at its free gripping surface end (150) at the inside against an adjacent support leg (166") projecting from the periphery of the bucket body (111).